Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 09 Dec 2023 until 23:59 on Sunday 10 Dec 2023

Forecast Issued on Saturday 09 Dec 2023 at 02:28

Confidence: High confidence for a wet and breezy Saturday. Moderate for detail of cloud and rain on Sunday, and also for the extent of showers Monday and Tuesday. High for freezing level remaining above summit level through this period. Moderate for a change to drier and colder weather on Wednesday.

Headline for Saturday 09 Dec 2023: Rain for much of the day. Some afternoon drier intervals possible. Breezy.

Mountain weather hazards on Saturday 09 Dec 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Dull	Heavy Rain	Heavy Rain	Light rain	Heavy Rain	Heavy Rain
Precipitation probability					
40%	90%	70%	40%	70%	50%

Forecast for Saturday 09 Dec 2023

Weather: Soon turning wet, with widespread rain and low cloud spreading east. Rain, heavy at times through the morning, but perhaps becoming lighter and less frequent for a time during the afternoon. Further heavy rain spreading east during the evening.

Chance of cloud-free hill tops above 600m: 10%

Low Cloud and visibility: Widespread cloud obscuring hills above 500m for much of the day. Some patches as low as 300m during the morning and evening. Beneath the cloud rain will also limit views to only moderately distant peaks for much of the day.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Saturday 09 Dec 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/25 S	20/29 SE	18/25 S	28/40 W	28/41 W	27/39 W	29/42 W
300	10/22 SE	12/27 SE	10/23 S	18/37 W	19/39 W	18/37 W	19/40 W
Valley	9/24 SE	12/28 SE	12/28 S	16/34 SW	16/36 W	16/36 W	17/36 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-1	4/-1	5/0	5/-1	4/-2	4/-2	4/-2
300	6/2	6/3	7/4	7/2	6/1	6/2	6/1
Valley	8/5	8/5	9/6	8/5	7/3	8/4	8/4
Freezing Level*	1600m	1700m	2000m	1500m	1300m	1400m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Wet with any views from the tops obscured with cloud, and occasional strong winds, perhaps gusting 50-55mph on the highest tops. Excellent navigation skills in limited visibility essential, along with warm and waterproof layers.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 09 Dec 2023	5.8mm	30.4mm	30.8mm

Forecast for Sunday 10 Dec 2023

Weather: Winds gradually easing early Sunday with any rain also fading away. A mostly dry start to the day follows before cloud soon thickens from the southwest. A band of rain of rain crosses eastward late morning, clearing to brighter spells and isolated showers through the afternoon. Showers becoming heavier and more widespread after dark.

Maximum wind: Southwest 25-30mph gusts 35-45mph.

Chance of cloud-free hill tops above 600m: 70% becoming 20% by late morning. Rising again to 60% mid-afternoon onward.

Low Cloud and visibility: Patchy cloud obscuring some hills above 500m at first, becoming widespread through the morning, with some patches down to 400m. This breaking and lifting a little to be broken at 600m from mid-afternoon. Away from cloud, some good views of distant hills are possible, but occasionally reduced to poor with any rain.

Temperature: **Valleys:** Plus 3 Celsius increasing 10 Celsius
At 600m: Plus 3 Celsius rising to Plus 6 Celsius
Freezing level: Above summits

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